



# Hazardous Materials Incident Reporting



**Multimodal Conference**  
**July 29<sup>th</sup> & 30<sup>th</sup>, 2014**  
**Nashville, Tennessee**  
**Yolanda Y. Braxton, MPA**





# Agenda



Overview – PHMSA Vision and Mission



DOT 5800.1 Incident Report Form



Uses of Information



Trends & Statistics



Questions





# PHMSA Mission & Vision

PHMSA's mission is to **safeguard people and the environment from hazardous materials transportation risks**



PHMSA's vision is that **no harm** results from hazardous materials transportation





# Outcome Goals

## SAFETY



**GOAL:** Reduce the number of death and injury incidents

## COMPLIANCE



**GOAL:** Achieve full compliance with efficient, relevant laws and regulations

## PREPAREDNESS & RESPONSE



**GOAL:** Increase community awareness of hazmat risks and reduce consequences of incidents

## ECONOMIC COMPETITIVENESS



**GOAL:** Balance the need for safety with economic growth & technological advancements





# Did you know...

- **What is the most common mistake on the form?**
  - A. Whether or not material was shipped under a Special Permit
  - B. Classification of Packaging Type
  - C. Misreporting of a public evacuation
  - D. Providing correct combination of Identification Number and Proper Shipping Name
  
- **How many hours after an incident occurs must it be reported to the NRC (assuming it meets the conditions of 171.15)?**
  - A. 12 hours
  - B. 24 hours
  - C. 72 hours





# **Bonus Question**

**Which section of the 5800.1 form is most often omitted?**

- A. Report Type**
- B. General Incident Information**
- C. Description of Events and Package Failure**
- D. Damages**





# Incidents

*“Think before you ship!”*





# What is an Incident?



An *unintentional release* of a hazardous material or discharge of hazardous waste; a cargo tank with a capacity of 1,000 gallons or greater containing any hazardous material that *suffers structural damage* to the lading retention system; or an *undeclared hazardous material*.





# When is a DOT 5800.1 Form required?

- **49 CFR Parts 171-180** requires certain types of incidents be reported.
- **Section 171.15** requires an immediate telephonic report be filed within 12 hours of certain hazmat incidents.
  1. A person is killed
  2. Injury requiring admittance to the hospital
  3. Evacuation of general public for one hour or more
  4. One or more major transportation arteries are closed for one hour or more
  5. Operational flight plan is altered
  6. Fire, breakage, spillage involving radioactive material
  7. Fire, breakage, spillage involving an infectious substance
  8. Release of marine pollutant in a quantity exceeding 450 liters for liquid or 400 kilograms for solids





# When is a DOT 5800.1 Form required?

**Section 171.16** requires that a 5800.1 report be submitted within 30 days of discovery of any of the following:

1. An incident that was reported under 171.15
2. An unintentional release of a hazardous material during transportation
3. Release of a hazardous waste
4. Undeclared shipment with no release is discovered
5. A Specification Cargo Tank 1,000 gallons or greater containing hazardous materials that received structural damage to the lading retention system and did not have a release.





# When is a DOT 5800.1 Form required?

## Examples to Clarify When to Report Structural Damage to a Specification Cargo Tank

Incident Report Required	No Incident Report Required
Damage to an outlet valve that affects seating and requires replacement.	Handle broken or knocked off valve – but otherwise undamaged.
Serious damage that, if worse, could have resulted in the loss of contents of the cargo tank.	Serious damage that, even if worse, would not have resulted in the loss of contents of the cargo tank.
Cargo tank damage that requires professional inspection or recertification to ensure it is capable of meeting requirements.	Minor damage that obviously will not affect continuation of the cargo tank in service.
Cargo tank damage that requires immediate or subsequent repair because of questions about cargo tank integrity.	Cargo tank damage that requires repair for cosmetic reasons only.





# When is a DOT 5800.1 Form not required?

You are ***not required*** to report a release of hazardous material if **ALL** of the following apply:

- The shipment is not being offered for transportation or being transported by air;
- None of the Criteria in 171.15(a) applies;
- The material is not a hazardous waste;
- The material is properly classed as an ORM-D, or a Packing Group III material in Class or Division 3,4,5,6.1, 8 or 9;
- Each package has a capacity of less than 20 liters (5.2 gallons) for liquids or less than 30 kg (66 pounds) for solids;
- The total aggregate release is less than 20 liters (5.2 gallons) for liquids or less than 30 kg (66 pounds) for solids;
- The material does not meet the definition of an undeclared hazardous material in 171.8; and
- The shipment is an undeclared material discovered in an air passenger's checked or carry-on baggage during the airport screening process.

**\*Additional exemptions can be found in CFR 171.16D**





# How is a 5800.1 Form filed?

Currently, reporters have several options for submission:

- **Paper forms** (both handwritten and typed) can be submitted via postal mail or email using a fillable Adobe Acrobat file
- **Electronic submissions**
  - via PHMSA'S Website utilizing the online fillable form
  - via authorized entities using extensible mark-up language (XML) files, which is a set of rules for encoding documents in machine-readable form





# What Data Do We Collect Via the 5800.1?

## ◆ Who, What, Where, and When

### ◆ Characteristics of the release:

- Material
- Packaging
- Hazard Communication
- Handling

### ◆ Compliance and non-compliance

#### ◆ Consequences

#### ◆ Causation





# Who must complete the 5800.1 Form?

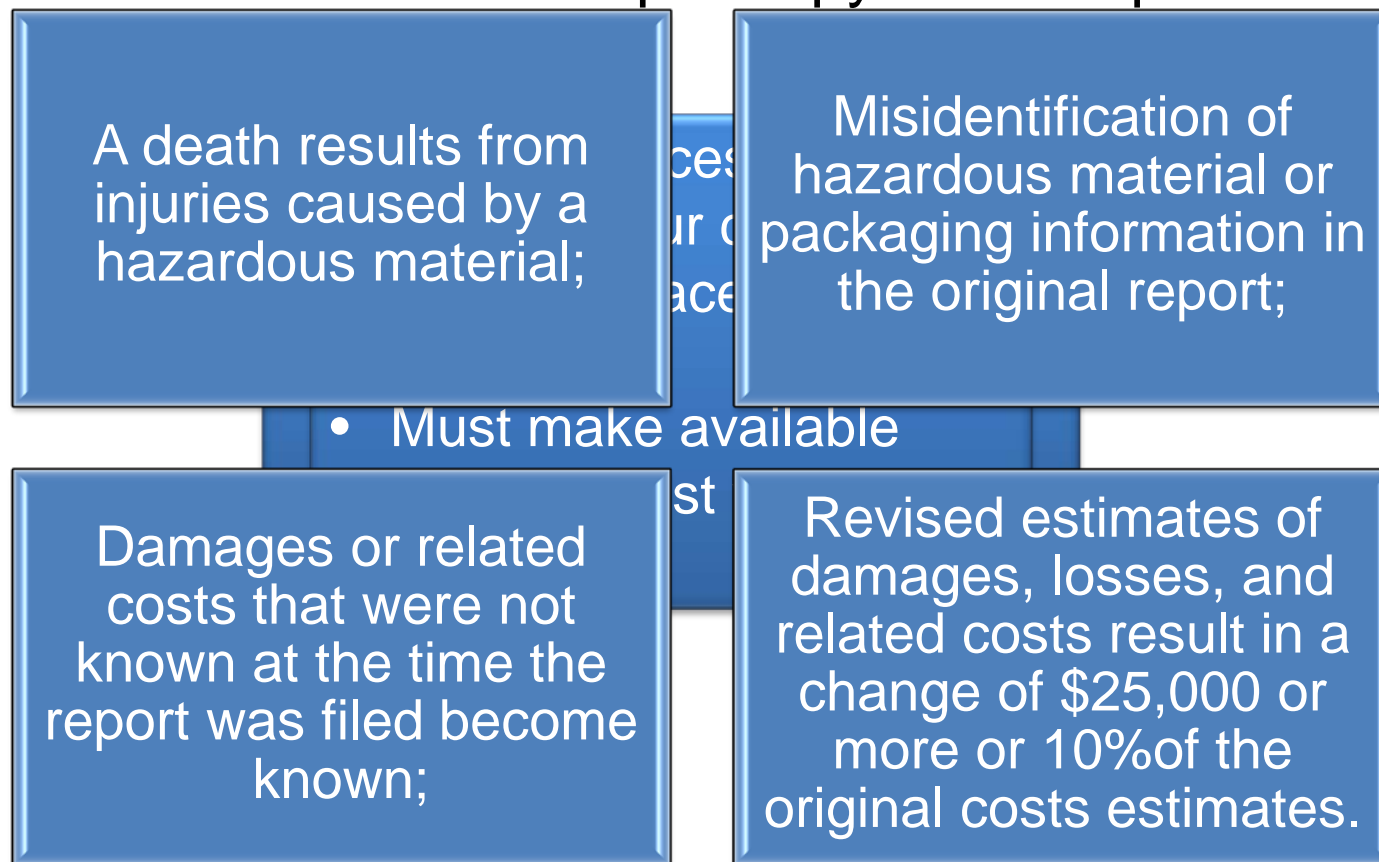
- If a hazmat incident occurs, any entity in possession of the hazmat during transportation – including loading, unloading and storage incidental to transportation – must report the incident if certain conditions are met.
  
- The Entity having physical control of the shipment is responsible for completion and submission of DOT Form 5800.1
  - **Carrier**
  - **Shipper**
  - **Facility**
  - **Other**





# Housekeeping

- Am I required to update the information in the Report?
  - How long must I keep a copy of the report?
  - Where must I keep a copy of the report?





# Important Fields to be Completed

## Part I – Report Type

- A hazardous material incident
- An undeclared shipment with no release
- A specification cargo tank 1,000 gallons or greater containing any hazardous materials that (1) received structural damage to the lading retention system or damage that requires repair to a system intended to protect the lading retention system and (2) did not have a release

## Part II – General Incident Information

- Date, Time & Location of Incident
- Carrier & Shipper Information in its entirety
- Proper Shipping Name of Hazardous Material
- Hazardous Class/Division
- Identification Number
- Quantity Released (if applicable)

## Part III – Packaging Information

- Packaging Type



## Part IV – Consequences

- Result of Incident





# Important Fields to be Completed

**Part I – Report Type**  
specifies the *type of incident* you are reporting.

**Part II – General Incident Information**  
requires information about *when and where* the incident took place, *who* the carrier & shipper were, and *what hazmat* was involved.

**Part III – Packaging Information**  
contains information specific to *packaging* – including package type, material, size, and failure code(s).

**Part IV – Consequences**  
asks about *impacts* of the incident, including *personal injuries, property damages* and *emergency response*.

**PART I - REPORT TYPE**

1. This is to report: ☐ A) A hazardous material incident ☐ B) An undeclared shipment with no release ☐ C) A specification cargo tank 1,000 gallons or greater containing any hazardous materials that (1) received structural damage to the lading retention system or damage that requires repair to a system intended to protect the lading retention system and (2) did not have a release.

**PART II - GENERAL INCIDENT INFORMATION**

3. Date of Incident:  4. Time of Incident (use 24-hour time):

5. Enter National Response Center Report Number (if applicable):

6. If you submitted a report to another Federal DOT agency, enter the agency and report number:

7. Location of Incident: City:  County:  State:  ZIP Code (if known):   
Street Address/Mile Marker/Yardname/Airport/Body of Water/River Mile

8. Mode of Transportation ☐ Air ☐ Highway ☐ Rail ☐ Water ☐ In Transit ☐ Loading ☐ Unloading ☐ In Transit Storage

9. Transportation Phase ☐ Air ☐ Highway ☐ Rail ☐ Water ☐ In Transit ☐ Loading ☐ Unloading ☐ In Transit Storage

10. Carrier/Reporter Name   
Street   
City  State  ZIP Code   
Federal DOT ID Number  Hazmat Registration Number

11. Shipper/Officer Name   
Street   
City  State  ZIP Code   
Waybill/Shipping Paper  Hazmat Registration Number

12. Origin (if different from shipper address) Street   
City  State  ZIP Code

13. Destination Street   
City  State  ZIP Code

14. Proper Shipping Name of Hazardous Material:

15. Technical/Trade Name:

16. Hazardous Class/Division:  17. Identification Number:  18. Packing Group:  19. Quantity Released:

**PART III - PACKAGING INFORMATION**

24. Check Packaging Type - check only one - if more than one, list type of packaging, copy Part III, and complete for each type:  
☐ Non-bulk ☐ IBC ☐ Cargo tank Motor Vehicle (CTMV) ☐ Tank Car  
☐ Cylinder ☐ RAM ☐ Portable Tank ☐ Other

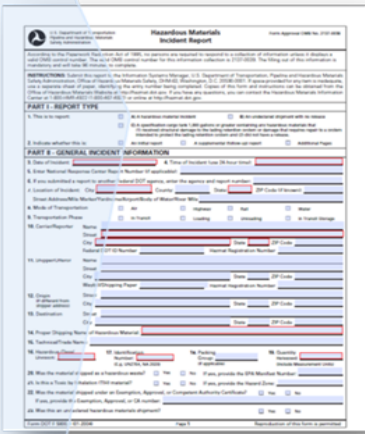
25. See instructions and enter the appropriate failure codes found at the end of the instructions. Be sure to enter the codes from the list.

**PART IV - CONSEQUENCES**

30. Result of Incident (check all that apply): ☐ Spillage ☐ Fire ☐ Explosion ☐ Material Entered Waterway/Storm Sewer  
☐ Vapor (Gas) Dispersion ☐ Environmental Damage ☐ No Release

31. Emergency Response: The following entities responded to the incident: (Check all that apply)

**Note:** It is important to complete as many fields as possible. Fields highlighted in red are essential to complete for efficient processing of the report.





# Important Fields to be Completed



U.S. Department of Transportation  
Pipeline and Hazardous Materials  
Safety Administration

## Hazardous Materials Incident Report

Form Approval OMB No. 2137-0039

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 2137-0039. The filling out of this information is mandatory and will take 96 minutes to complete.

**INSTRUCTIONS:** Submit this report to the Information Systems Manager, U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, Office of Hazardous Materials Safety, DHM-63, Washington, D.C. 20590-0001. If space provided for any item is inadequate, use a separate sheet of paper, identifying the entry number being completed. Copies of this form and instructions can be obtained from the Office of Hazardous Materials Website at <http://hazmat.dot.gov>. If you have any questions, you can contact the Hazardous Materials Information Center at 1-800-HMR-4922 (1-800-467-4922) or online at <http://hazmat.dot.gov>.

### PART I - REPORT TYPE

1. This is to report:

- ☐ **A) A hazardous material incident** ☐ **B) An undeclared shipment with no release**
- ☐ **C) A specification cargo tank 1,000 gallons or greater containing any hazardous materials that (1) received structural damage to the lading retention system or damage that requires repair to a system intended to protect the lading retention system and (2) did not have a release.**

2. Indicate whether this is:

- ☐ **An initial report** ☐ **A supplemental (follow-up) report** ☐ **Additional Pages**





# Important Fields to be Completed

## PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident:  4. Time of Incident (use 24-hour time):   
5. Enter National Response Center Report Number (if applicable):

20. Was the material shipped as a hazardous waste? ☐ Yes ☐ No If yes, provide the EPA Manifest Number:

21. Is this a Toxic by Inhalation (TIH) material? ☐ Yes ☐ No If yes, provide the Hazard Zone:

22. Was the material shipped under an Exemption, Approval, or Competent Authority Certificate? ☐ Yes ☐ No  
If yes, provide the Exemption, Approval, or CA number:

23. Was this an undeclared hazardous materials shipment? ☐ Yes ☐ No

Form DOT F 5800.1 (01-2004)

Page 1

Reproduction of this form is permitted

13. Destination  
Street   
City  State  ZIP Code

14. Proper Shipping Name of Hazardous Material:

15. Technical/Trade Name:

16. Hazardous Class/  
Division:  17. Identification  
Number:   
(E.g. UN 2764, NA 2020) 18. Packing  
Group:   
(if applicable) 19. Quantity  
Released:   
(Include Measurement Units)





# Important Fields to be Completed

26a. Provide the packaging identification markings, if available.

Identification Markings: \_\_\_\_\_  
(Examples: 1A1/Y1.4/150/92/USA/RB/93/RL, UN31H1/Y0493/USA/M9339/10800/1200, DOT - 105A - 100W (RAIL), DOT 406 (HIGHWAY), DOT 51, DOT 3-A)

26b. For Non-bulk, IBC, or non-specification packaging, if identification markings are incomplete or unavailable, see instructions and complete the following:

Single Package or Outer Packaging:	Single Package or Inner Packaging (if any):
Packaging Type: _____	Packaging Type: _____
Material of Construction: _____	Material of Construction: _____
Head Type (Drums only): <input type="checkbox"/> Removable <input type="checkbox"/> Non - Removable	

27. Describe the package capacity and the quantity:

Single Package or Outer Packaging:	Single Package or Inner Packaging (if any):
Package Capacity: _____	Package Capacity: _____
Amount in Package: _____	Amount in Package: _____
Number in Shipment: _____	Number in Shipment: _____
Number Failed: _____	Number Failed: _____

28. Provide packaging construction and test information, as appropriate:

Manufacturer: _____	Manufacture Date: _____
Serial Number: _____	Last Test Date: _____
Material of Construction: _____	(if Tank Car, CTMV, Portable Tank, or Cylinder)
Design Pressure: _____	(if Tank Car, CTMV, Portable Tank)
Shell Thickness: _____	(if Tank Car, CTMV, Portable Tank)
Head Thickness: _____	(if Tank Car, CTMV)
Service Pressure: _____	(if Cylinder)
If valve or device failed:	
Type: _____	Manufacturer: _____ Model: _____
	(if present and legible) (if present and legible)

138	Mounting Studs	520	Inadequate Maintenance
139	O-Ring or Seals	521	Inadequate Preparation for Transportation
140	Outer Frame		





# Important Fields to be Completed

## PART IV - CONSEQUENCES

33a. Did the hazardous material cause or contribute to a human fatality? ☐ Yes ☐ No

If yes, enter the number of fatalities resulting from the hazardous material:

Fatalities: Employees  Responders  General Public

36. Was a major transportation artery or facility closed? ☐ Yes ☐ No If yes, how many?  (hours)

37. Was the material involved in a crash or derailment? ☐ Yes ☐ No

If yes, provide the following information: Estimated speed (mph):  Weather conditions:

Vehicle overturn? ☐ Yes ☐ No

Vehicle left roadway/track? ☐ Yes ☐ No

38. Did the hazardous material cause or contribute to an evacuation? ☐ Yes ☐ No

If yes, provide the following information:

Total number of general public evacuated  Total number of employees evacuated  Total Evacuated

Duration of the evacuation  (hours)





# Important Fields to be Completed

## PART

Describe  
including  
the duration  
necessary

### PART VII - RECOMMENDATIONS/ACTIONS TAKEN TO PREVENT RECURRENCE

Where you are able to do so, suggest or describe changes (such as additional training, use of better packaging, or improved operating procedures) to help prevent recurrence. Provide recommendations for improvement to hazardous materials transportation beyond the control of your individual company. Continue on additional sheets if necessary.

### PART VIII- CONTACT INFORMATION

Contact's Name (Type or Print): \_\_\_\_\_ Telephone Number: (    ) \_\_\_\_\_  
Contact's Title: \_\_\_\_\_ Fax Number: (    ) \_\_\_\_\_  
Business Name and Address: \_\_\_\_\_ Hazmat Registration Number (if not already provided): \_\_\_\_\_  
E-mail Address: \_\_\_\_\_ Date: \_\_\_\_\_  
Preparer is: ☐ Carrier ☐ Shipper ☐ Facility ☐ Other \_\_\_\_\_

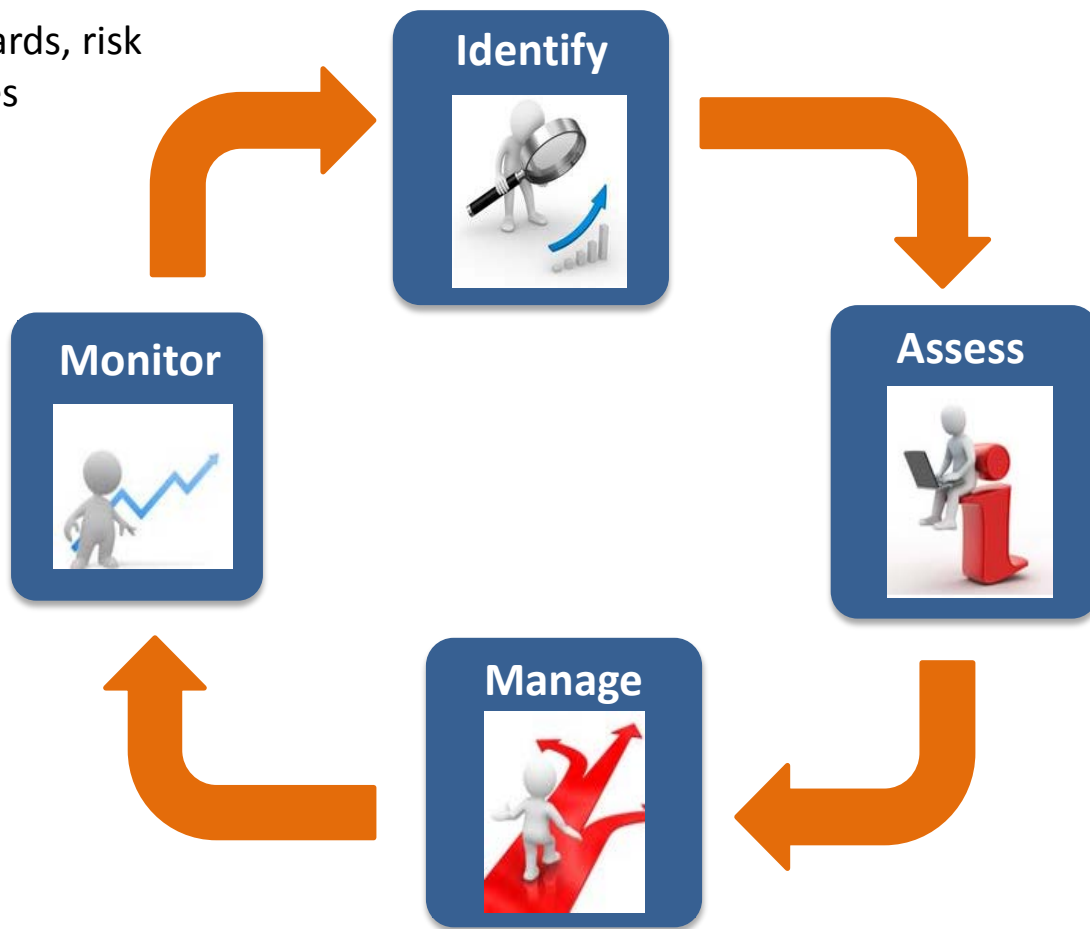
package failure,  
location. Estimate  
additional sheets if





# How is the 5800.1 Form information used?

- **Identify** key hazards, risk factors and issues



- **Monitor** to ensure compliance, course correction and continuous improvement

- **Assess** the risk associated with each factor and develop mitigation strategies

- **Manage** the risk through implementation of strategies and communication with stakeholders





## How is the 5800.1 Form information used?





# Trends and Statistics

If you are not searching for a specific incident, you may enter a date range to view a certain amount of months/years of data

Select one or more modes if you want to filter your results to show incidents *only* for that mode.

\*Note: To view all modes, leave this field blank.

Only select State if you are searching for information on one particular state

**PHMSA Office of Hazardous Materials Safety Incident Reports Database Search**

Source: Hazmat Intelligence Portal, U.S. Department of Transportation. Data as of 2/27/2013.

**PART II - GENERAL INCIDENT INFORMATION**

3. Date of Incident: From: 01/01/2008 To: 12/31/2012 (mm/dd/yyyy)

7. Location of Incident: City: (begins) State: Oklahoma Zip Code: (contains)

Incident Route: (contains)

8. Mode of Transportation: ☐ Air ☐ Highway ☐ Rail ☐ Water ☐ Other

9. Transportation Phase: ☐ In Transit ☐ Loading ☐ Unloading ☐ In Transit Storage

10. Carrier/Reporter: Name: (contains) State: Select Zip Code: (contains)

11. Shipper/Offendor: Name: (contains)

12. Origin: City: (contains) State: Select Zip Code: (contains)

Super Shipping Name of Hazardous Material: (contains)

Hazardous Class/Division Code: (begins) 17. Identification Number: (contains)

**PART III - PACKAGING INFORMATION**

Packaging Type: ☐ Non-Bulk ☐ IBC ☐ Cargo Tank Motor Vehicle (CTMV) ☐ Tank Car  
☐ Cylinder ☐ RAM ☐ Portable Tank ☐ Other

What Failed: (contains) How Failed: (contains)

Causes of Failure: (contains)

**PART IV - CONSEQUENCES**

30. Result of Incident: ☐ Spillage ☐ Fire ☐ Explosion ☐ Material Entered Waterway/Storm Sewer  
☐ Vapor(Gas) Dispersion ☐ Environmental Damage ☐ No Release

33a. Did the hazardous material cause or contribute to a human fatality? Select 36. Was a major transportation artery or facility closed? Select

34. Did the hazardous material cause or contribute to personal injury? Select 37. Was the material involved in a crash or derailment? Select

35. Did the hazardous material cause or contribute to an evacuation? Select

**OTHER**

Report Number: (contains) Serious Incident: Select

Container Code Detail: (contains) Undeclared Shipment: Select

General Package Type: Select

**DISPLAY OPTIONS:** Display 50 results per page.

Clear Search





# Trends and Statistics

Incident Reports Database Search

\* Since some incidents involve multiple commodities and/or multiple package types, double counting can occur.  
\* Use the following links to obtain helpful reference information:  
[Serious Incident Definition](#) - PHV revised the definition of a serious incident in Fiscal Year 2005.  
[Data Dictionary](#) - Description of the data fields in the reports on this site.  
[Units Of Measure](#) - Description of the units of measure used in the reports on this site.

3280 Record(s) found - Please click on any column header to sort by ascending or descending

**EXPORT OPTIONS:** Export fields: Export most requested fields  
Export to CSV Export most requested fields Export all fields

IncidentReports[1].csv - Microsoft Excel

	A	B	C	D
1	Report Submission Source	Report Number	Multiple Rows per Incident	Report Type
2	Web	E-2007040196	No	A hazardous material incident
3	XML	X-2007120298	No	A hazardous material incident
4	Web	E-2006070236	No	A hazardous material incident
5	Paper	I-2008030280	No	A hazardous material incident
6	XML	X-2006080224	No	A hazardous material incident
7	Web	E-2010070270	No	A hazardous material incident
8	Paper	I-2006030831	No	A hazardous material incident
9	XML	X-2011010050	No	A hazardous material incident
10	Paper	I-2007040380	No	A hazardous material incident
11	XML	X-2010060379	No	A hazardous material incident
12	XML	X-2010090347	No	A hazardous material incident
13	Web	E-2008020365	No	A hazardous material incident
14	Paper	I-2009020192	No	A hazardous material incident
15	Web	E-2009110112	No	A hazardous material incident
16	Paper	I-2006061320	No	A hazardous material incident
17	Web	E-2010060243	No	A hazardous material incident

X-2006010074	01/04/2006	ORLANDO	FL	Highway	FEDEX GROUND PACKAGE SYSTEM, INC.
E-2006010085	01/04/2006	RIVERVIEW	FL	Highway	CTL DISTRIBUTION, INC.
X-2006010097	01/09/2006	MEDLEY	FL	Highway	FEDEX GROUND PACKAGE SYSTEM, INC.
X-2006010104	01/09/2006	ORLANDO	FL	Highway	FEDEX GROUND PACKAGE SYSTEM, INC.
X-2006010117	01/10/2006	ORLANDO	FL	Highway	FEDEX GROUND PACKAGE SYSTEM, INC.
X-2006010121	01/11/2006	TAMPA	FL	Highway	FEDEX GROUND PACKAGE SYSTEM, INC.
X-2006010122	01/11/2006	TAMPA	FL	Highway	FEDEX GROUND PACKAGE SYSTEM, INC.
X-2006010125	01/11/2006	RIVIERA BEACH	FL	Highway	FEDEX GROUND PACKAGE SYSTEM, INC.
X-2006010150	01/16/2006	TAMPA	FL	Highway	FEDEX GROUND PACKAGE SYSTEM, INC.

You can export “all fields” or the “most requested fields”.

Once exported, results will be exported to an Excel spreadsheet.





# Incident Report Statistics

## Available Reports

- **Yearly Incident Summary Reports**
  - Casualty Classification
  - Transportation Phase
  - Incidents by Results
  - Incidents Cause by Mode
  - Incident by Hazard Class
  - Incidents by Commodity Rank
  - Undeclared Incidents by State
  - Bulk Containers
  - Incidents by State
  - Serious Incidents Map
- **10 Year Incident Summary Reports**
  - All Incidents
  - Accident/Derailment Incidents
  - RAM Incidents
  - Waste Incidents
  - Serious Incidents (Old definition)
  - Serious Incidents (Current definition)
  - Undeclared Incidents
  - Bulk Incidents
  - Non-Bulk Incidents






# Incident Report Statistics

10 Year Incident Summary Reports

Signed In As: Public Website User



## Hazardous Materials Incident Report

U.S. Department of Transportation  
Research and Special Programs  
Adm. Use Only

Form Approval OMB No. 3137-0039

According to the Paperwork Reduction Act of 1996, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 2137-0039. The filing of this information is mandatory and will take 90 minutes to complete.

### INSTRUCTIONS

Submit this report to the Information Systems Manager, U.S. Department of Transportation, Pipeline and Hazardous Materials Safety Administration, Office of Hazardous Materials Safety, DMM-63, Washington, D.C. 20590-0001. If space provided for any item is inadequate, use a separate sheet of paper, identifying the entry number being completed. Copies of this form and instructions can be obtained from the Office of Hazardous Materials Safety at <http://hazmat.dot.gov>. If you have any questions, you can contact the Hazardous Materials Information Center at 1-800-HMR-4922 (1-800-467-4922) or online at <http://hazmat.dot.gov>.

### PART I - REPORT TYPE

1. Incident ID: X2012020191

2. This is to report: Hazardous Material Incident

### PART II - GENERAL INCIDENT INFORMATION

3. Date of Incident: 01/31/2011

4. Time of Incident (use 24-hour time): 17:11

5. Enter National Response Center Report Number (if applicable):

6. If you submitted a report to another Federal DOT agency, enter the agency and report number:

7. Location of Incident:

City: Wallington  
County: TOLLAND  
State: CT  
Zip Code (if known): 06279

Street Address/Mile Marker/Yard Name/Airport/Body of Water/River Mile:  
350 Ruby Road

8. Mode of Transportation: FMCSA-HIGHWAY

9. Transportation Phase: UNLOADING

10. Carrier/Reporter:

Name: FEDEX GROUND PACKAGE SYSTEM, INC.  
Street: 1000 FED EX DR  
City: CORAOPOLIS  
State: PA  
Zip Code: 15108

Federal DOT ID Number: 265752

Hazmat Registration Number: 0519105510075

11. Shipper/Offeror:

Name: NALCO COMPANY  
Street: 7701 HIGHWAY 90A  
City: SUGAR LAND  
State: TX  
Zip Code: 77478

Waybill/Shipping Paper: 303862330161288

Hazmat Registration Number:

12. Origin (if different from shipper address):

City: Sugar Land  
State: TX  
Zip Code: 77478

13. Destination:

City: Cranston  
State: RI  
Zip Code: 02920



# Benefits



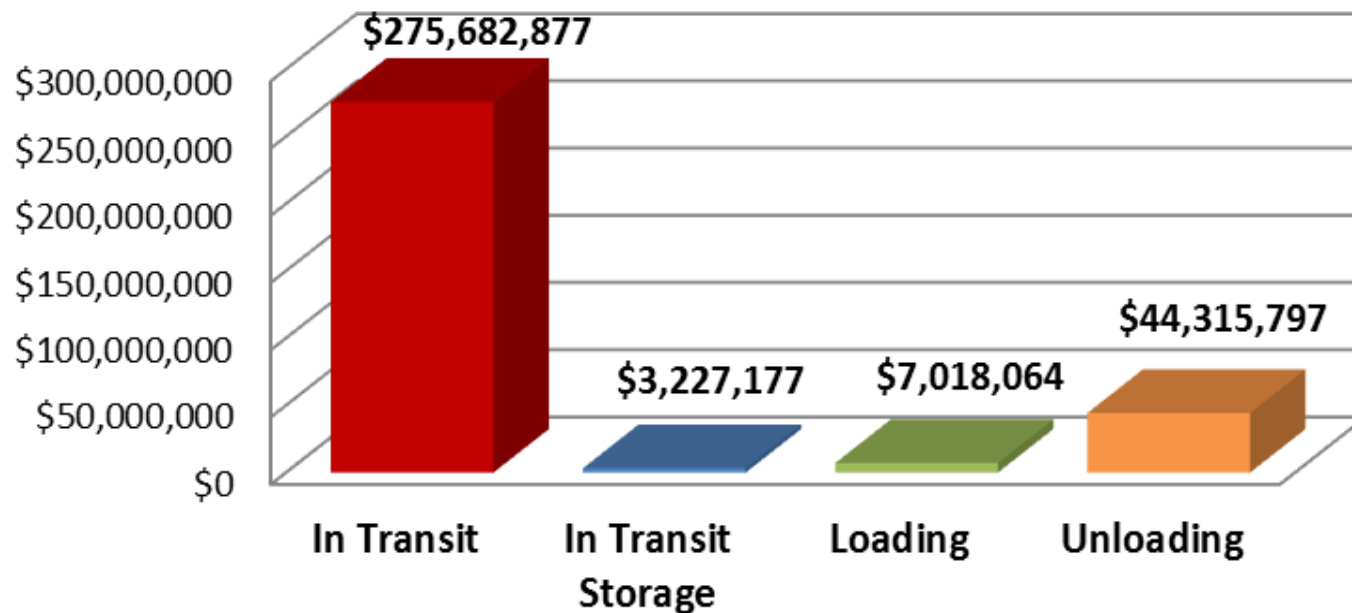
- **Easy** navigation
- **Up-to-date** data
- **Graphs** that can be changed by individual users
- Ability to **sort columns and filter reports** (yearly summary reports only)
- Ability to **download data** into Excel, PowerPoint, etc.
- **Map** displaying total # of serious incidents by each state





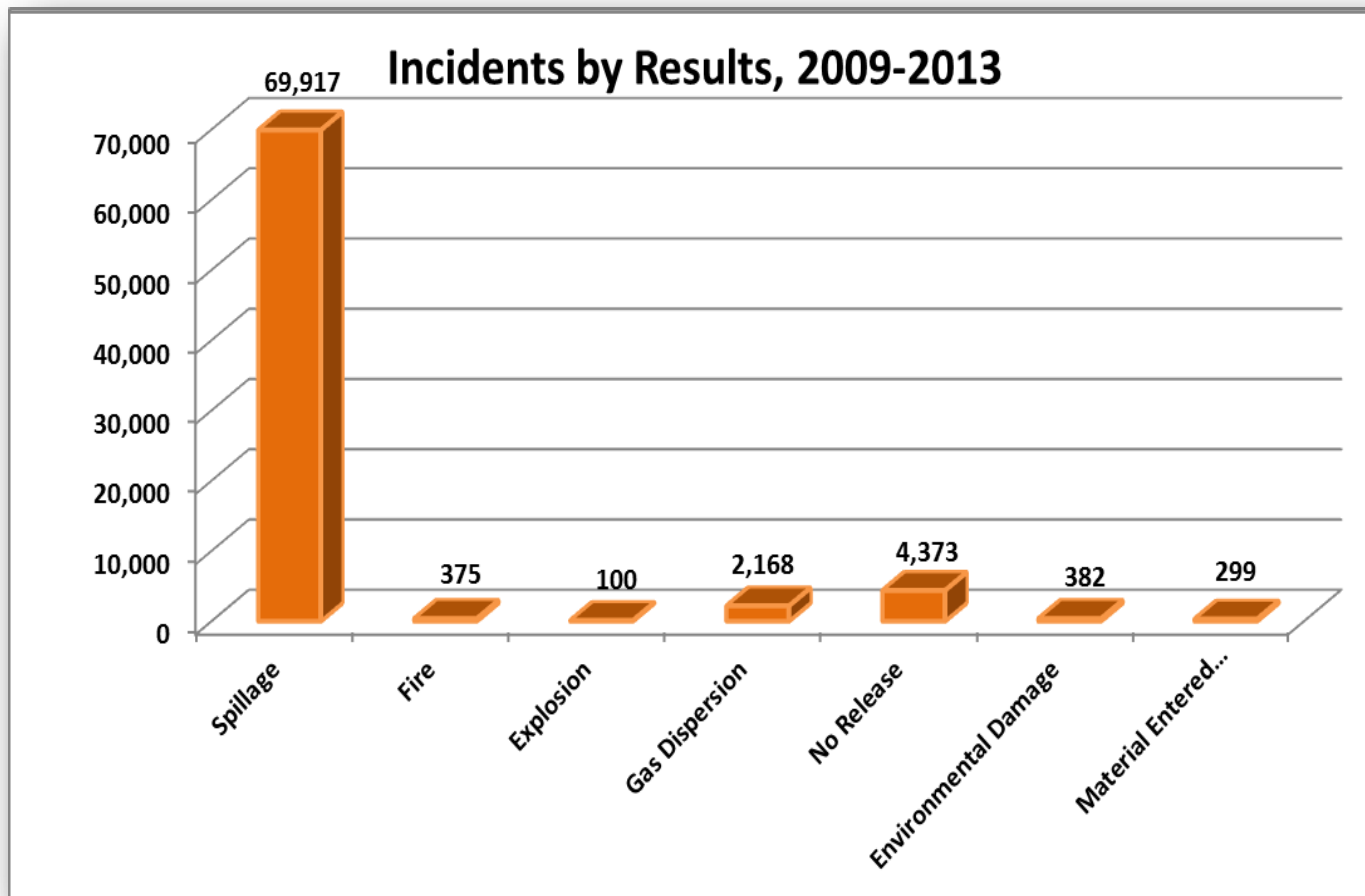
# Incident Statistics for All States

## Highway Incidents by Transportation Phase, Damages 2009-2013





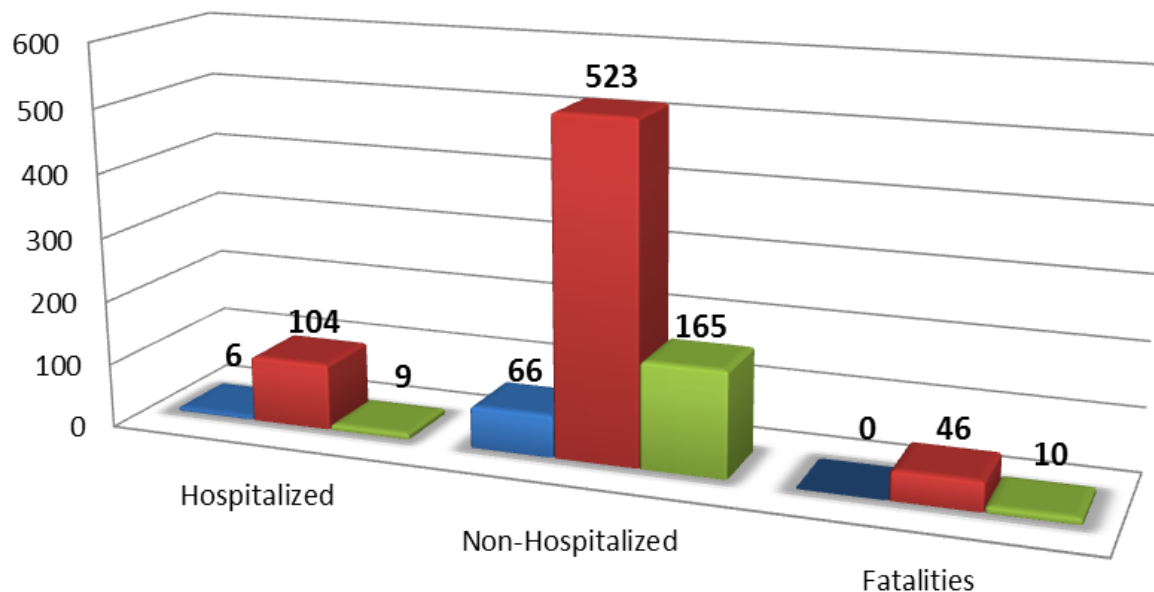
# Incident Statistics for All States





# Incident Statistics for All States

## Casualty Classification, 2009-2013



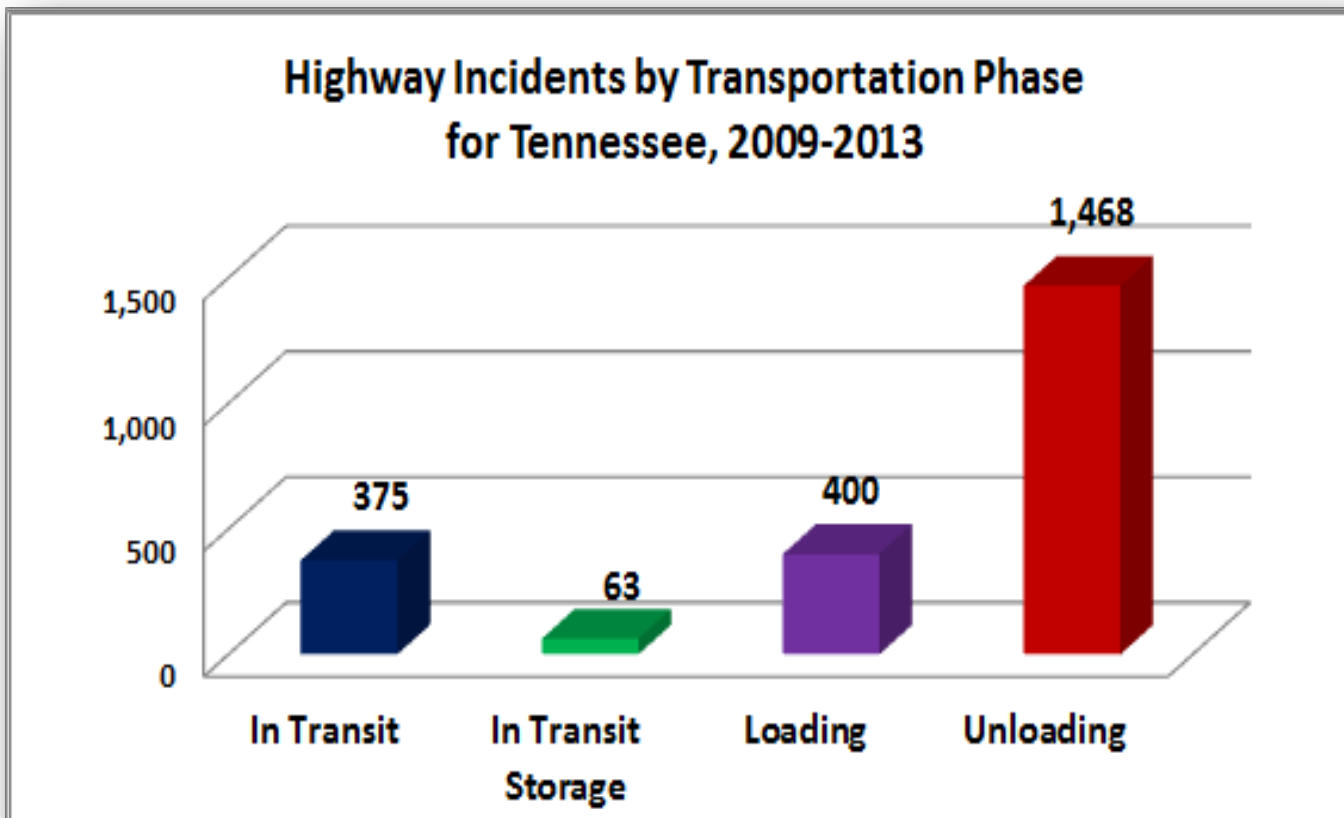
■ Emergency Responders (Fire, Police, EMT) ■ Transportation Workers (Employee) ■ General Public





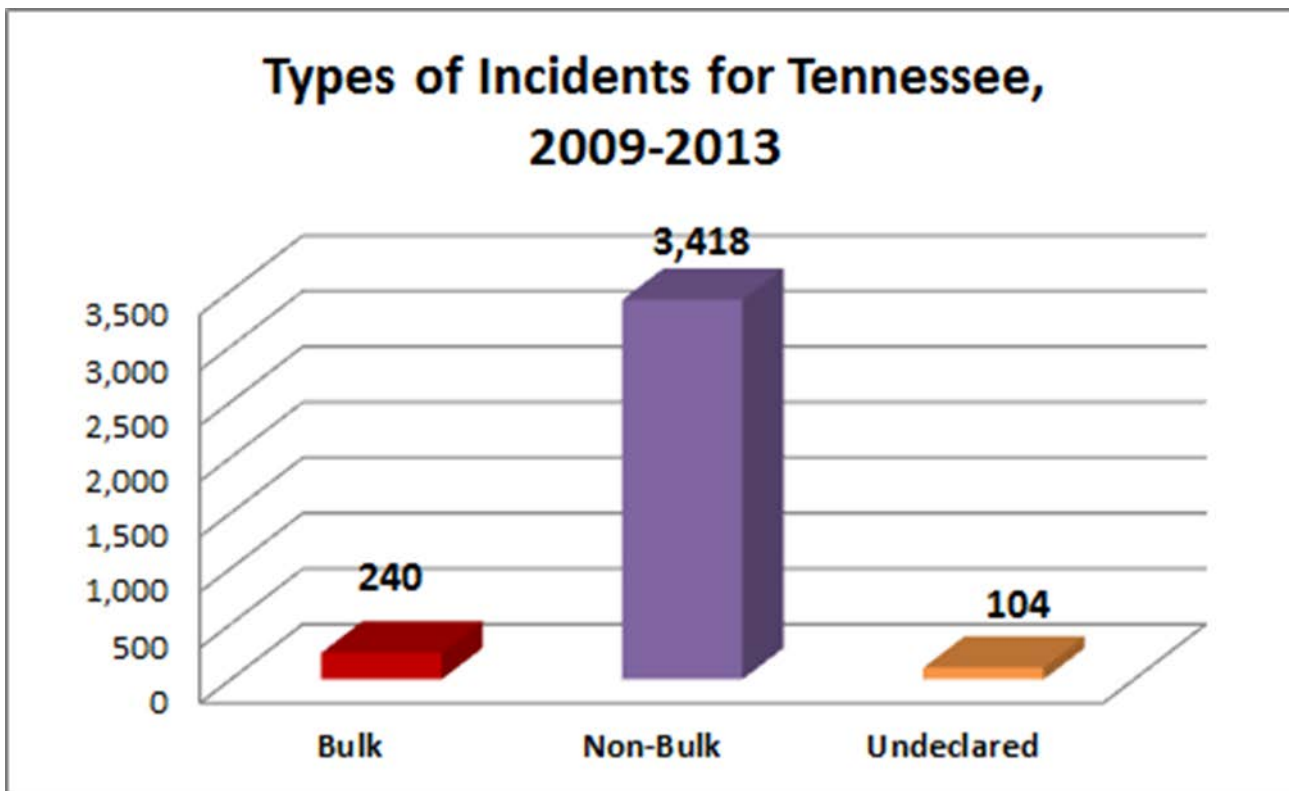


# Incident Statistics for Tennessee



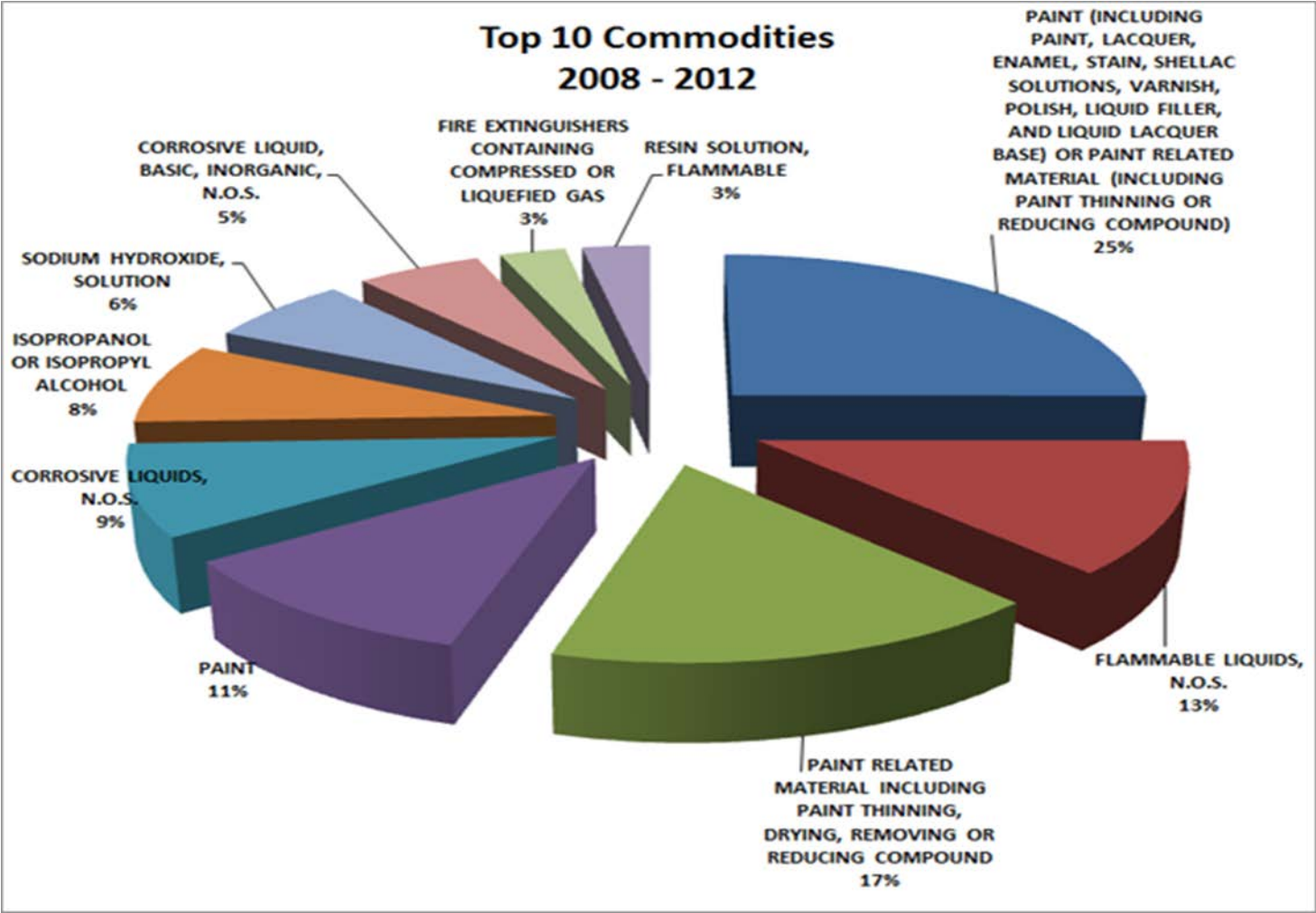


# Incident Statistics for Tennessee





# Top 10 Commodities for Past 5 Years





# Incident Contact Information

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- **Hazardous Materials Information Center**
  - **800-647-4922**
  
- **Yolanda Braxton, MPA**  
**PHMSA HMIS Operations Manager/Program Analyst**
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# Questions?

